	Substitute fo	r Form 1449/PTO			Application Number	10/531,192
PE	400				Filing Date:	April 13, 2005
6	l \	Information	Disclosure)	First Named Inventor:	Makoto OUCHI
9 0	TODS E	Statement E	By Applican	t	Art Unit:	2624
SEP	<i>.</i> ₹/	(Use as many she	ets as necessary)		Examiner Name:	J. Patel
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Examiner Initial	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
	Α	5,819,103	10/1998	Endoh et al.	
	В	6,552,744	4/2003	Chen	
	С	6,757,418	6/2004	Wei et al.	
	D				
	E				
	F				
	G				
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	I				
	J				
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Foreign Patent Documents

Examiner Initial	Cite No.	Foreign Patent Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant	Trans	lation
[:	Figures Appear	YES	NO
	L	JP 04-347979	12/1992	Yoshida			х
	М	JP 08-018857	1/1996	Yano et al.		х	
	N	JP 09-091407	4/1997	Hatanaka et al.		х	
	0	JP 09-093430	4/1997	Yano et al.	·	х	
	Р	JP 09-093431	4/1997	Takiguchi et al.		х	
	Q	JP 09-322054	12/1997	Katayama et al.		x	

Non Patent Literature Documents

			Hom I atom Entrataro Bodamonto					
Examiner Initial	Cite No.	magazine, j	nclude name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, nagazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/c country where published.					
	R	Abstract	of Japanese Patent Publication No. 04-347979,					
		Pub. Date	e: 03 December 1992, Patent Abstracts of Japan					
	S	Abstract (of Japanese Patent Publication No. 08-018857,					
		Pub. Date: 19 January 1996, Patent Abstracts of Japan						
	Т	Abstract	Abstract of Japanese Patent Publication No. 09-091407,					
		Pub. Date	e: 04 April 1997, Patent Abstracts of Japan					
	U	Abstract	of Japanese Patent Publication No. 09-093430					
		Pub. Date	e: 04 April 1997, Patent Abstracts of Japan					
	٧	Abstract	of Japanese Patent Publication No. 09-093431					
	Pub. Date: 04 April 1997, Patent Abstracts of Japan							
	W	Abstract of Japanese Patent Publication No. 09-322054,						
	Pub. Date: 12 December 2007, Patent Abstracts of Japan							
Examiner	Signa	ature	Date Considered					

Substitute for	Form 1449/PTO			Application Number	10/531,192
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	Information	Disclosure		First Named Inventor:	Makoto OUCHI
	Statement B	y Applicant		Art Unit:	2624
		ets as necessary)		Examiner Name:	J. Patel
				Attorney Docket Number:	MIPFP160
Sheet	2	of	5		

Examiner Initial	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
	A-2				
	B-2				
	C-2				
	D-2				
	E-2				
	F-2				
	G-2				
	H-2				
	I-2			_	
	J-2				
	K-2				

Foreign Patent Documents

Examiner Initial	Cite No.	Foreign Patent Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant	Transl	ation
					Figures Appear	YES	NO
	L-2	JP 09-322055	12/1997	Katayama et al.		х	
	M-2	JP 10-178564	6/1998	Nakamura et al.		х	
	N-2	JP 10-187929	7/1998	Higure et al.		х	
	0-2	JP 10-208074	8/1998	Noyama et al.		х	
	P-2	JP 11-146243	5/1999	Akazawa et al.		х	
	Q-2	JP 11-168651	6/1999	Nagatsuka		x	-

Non Patent Literature Documents

			Mon I atom Englature Bodamonte					
Examiner Initial	Cite No.	magazine, j	nclude name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, nagazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/ocountry where published.					
	R-2	•	of Japanese Patent Publication No. 09-322055,					
		Pub. Date	te: 04 April 2007, Patent Abstracts of Japan					
	S-2	Abstract of	of Japanese Patent Publication No. 10-178564,					
		Pub. Date	te: 30 June 1998, Patent Abstracts of Japan					
	T-2	Abstract	tract of Japanese Patent Publication No. 10-187929,					
		Pub. Date	te: 21 July 1998, Patent Abstracts of Japan					
	U-2	Abstract	of Japanese Patent Publication No. 10-208074,					
		Pub. Date	te: 07 August 1998, Patent Abstracts of Japan					
	V-2	Abstract	of Japanese Patent Publication No. 11-146243					
		Pub. Date	te: 28 May 1999, Patent Abstracts of Japan					
	W-2 Abstract of Japanese Patent Publication No. 11-168651,							
		Pub. Date	te: 22 June 1999, Patent Abstracts of Japan					
Examiner	Signa	ature	Date Considered					

Substitute for	Form 1449/PTO	-		Application Number 10/531,192		
				Filing Date:	April 13, 2005	
	Information	Disclosure)	First Named Inventor:	Makoto OUCHI	
	Statement B	y Applican	t	Art Unit:	2624	
	(Use as many she			Examiner Name:	J. Patel	
				Attorney Docket Number:	MIPFP160	
Sheet	3	of	5			

Examiner	Cite	Document No.	Publication	Name of Patentee or	Pages, Columns,
Initial	No.		Date	Applicant of Cited Document	Lines, where Relevant
				1	Passages or Relevant
				<u></u>	Figures Appear
	A-3				
	B-3				
	C-3				
	D-3				
	E-3				
	F-3				
	G-3				
	H-3				
	I-3				
	J-3				
	K-3				

Foreign Patent Documents

			<u> </u>	<u> </u>			
Examiner Initial	Cite No.	Foreign Patent Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant	Transl	ation
					Figures Appear	YES	NO
	L-3	JP 11-275527	10/1999	Kamimura		х	
	M-3	JP 11-289447	10/1999	Nakamura		×	
	N-3	JP 11-298837	10/1999	Murata et al.		x	
	O-3	JP 2000-047291	2/2000	Egawa		x	
	P-3	JP 2000-101916	4/2000	Oie		x	
	Q-3	JP 2000-125190	4/2000	Shimura		х	

Non Patent Literature Documents

		11011 I atent Enclature Documents				
Examiner Initial	Cite No.	nclude name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, nagazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or ountry where published.				
	R-3	Abstract of Japanese Patent Publication No. 11-275527,				
		Pub. Date: 08 October 1999, Patent Abstracts of Japan				
	S-3	Abstract of Japanese Patent Publication No. 11-289447,				
		Pub. Date: 19 October 1999, Patent Abstracts of Japan				
	T-3	Abstract of Japanese Patent Publication No. 11-298337,				
		Pub. Date: 29 October 1999, Patent Abstracts of Japan				
	U-3	Abstract of Japanese Patent Publication No. 2000-047291,				
		Pub. Date: 18 February 2000, Patent Abstracts of Japan				
	V-3	Abstract of Japanese Patent Publication No. 2000-101916				
		Pub. Date: 07 April 2000, Patent Abstracts of Japan				
	W-3	Abstract of Japanese Patent Publication No., 2000-125190				
		Pub. Date: 28 April 2000, Patent Abstracts of Japan				
Examiner	Signa					

Substitute for	Form 1449/PTO			Application Number	10/531,192	
				Filing Date:	April 13, 2005	
	Information	Disclosure	:	First Named Inventor:	Makoto OUCHI	
	Statement E		t	Art Unit:	2621	
	(Use as many she			Examiner Name:	J. Patel	
				Attorney Docket Number:	MIPFP160	
Sheet	4	of	5			

Examiner	Cite	Document No.	Publication	Name of Patentee or	Pages, Columns,
		Document No.			Pages, Columns,
Initial	No.	į	Date	Applicant of Cited Document	Lines, where Relevant
					Passages or Relevant
					Figures Appear
	A-4	<u>-</u>			
	B-4				
	C-4				
	D-4				
	E-4				
	F-4				
	G-4				
	H-4	-			
	1-4				
	J-4				
	K-4				

Foreign Patent Documents

Examiner Initial	Cite No.	Foreign Patent Document No.	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, where Relevant	Transla	ıtion
	:			Cited Document	Passages or Relevant Figures Appear	YES	NO
	ļ				Figures Appear	163	140
	L-4	JP 2000-175186	6/2000	Numata		X	j
	M-4	JP 2000-188705	7/2000	lkeda		х	
	N-4	JP 2000-244814	9/2000	Nagasaka et al.		х	
	0-4	JP 2001-331660	11/2001	Nakamura		х	
	P-4	JP 2002-170111	6/2002	Chiba		х	
	Q-4						

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	R-4	Abstract of Japanese Patent Publication No. 2000-175186			
	L_	Pub. Date: 23 June 2000, Patent Abstracts of Japan			
	S-4	Abstract of Japanese Patent Publication No. 2000-188705,			
		Pub. Date: 04 July 2000, Patent Abstracts of Japan			
-	T-4	Abstract of Japanese Patent Publication No. 2000-244814,			
		Pub. Date: 08 September 2000, Patent Abstracts of Japan			
	U-4	Abstract of Japanese Patent Publication No. 2001-331660,			
		Pub. Date: 30 November 2001, Patent Abstracts of Japan			
	V-4	Abstract of Japanese Patent Publication No. 2002-170111,			
	1	Pub. Date: 14 June 2002, Patent Abstracts of Japan.			
	W-4				
Examiner	Signa	ture Date Considered			

Substitute for Form 1449/PTO				Application Number	10/531,192	
				Filing Date:	April 13, 2005	
	Information	Disclosure)	First Named Inventor:	Makoto OUCHI	
	Statement E	By Applican	t	Art Unit:	2621	
	(Use as many she			Examiner Name:	J. Patel	
				Attorney Docket Number:	MIPFP160	
Sheet	5	of	5			

Non-Patent Literature Documents

Initial No. Country where published. A-5 M. KOUROGI et al., "A real-time panorama-based technique for annotation overlay on vider frames," <i>Technical Report of IEICE, PRMU 99-65</i> , September 1999, pp. 1-8 (with partial English translation). B-5 M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-time implementation," <i>Proc. 5th Symposium on Intelligence Information Media (IIM'99)</i> , December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," <i>Proc. 5th Symposium on Sensing via Image Information (SII'99)</i> , June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," <i>Journal of The Institute of Image Information and Television Engineers</i> , Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," <i>Image Lab</i> , Vol. 11, No. 11, November 2000, pp. 6-10. J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," <i>Journal of Information Processing Society of Japan: Computer Vision and Image Media</i> , Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). J-6 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), 2001 (9 pages). J-6 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) H-5 N-5 H-5 N-6			Non-Patent Literature Documents					
A-5 M. KOUROGI et al., "A real-time panorama-based technique for annotation overlay on vided frames," <i>Technical Report of IEICE, PRMU 99-65</i> , September 1999, pp. 1-8 (with partial English translation). B-5 M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-time implementation," <i>Proc. 5th Symposium on Intelligence Information Media (IIM'99)</i> , December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," <i>Proc. 5th Symposium on Sensing via Image Information (SII'99)</i> , June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," <i>Journal of The Institute of Image Information and Television Engineers</i> , Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," <i>Image Lab</i> , Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," <i>Journal of Information Processing Society of Japan: Computer Vision and Image Media</i> , Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). VR Interactive Inc., Urit, Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 20	Examiner	Cite	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,					
frames," <i>Technical Report of IEICE, PRMU 99-65</i> , September 1999, pp. 1-8 (with partial English translation). B-5 M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-time implementation," <i>Proc. 5th Symposium on Intelligence Information Media (IIM'99</i>), December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," <i>Proc. 5th Symposium on Sensing via Image Information (SII'99</i>), June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," <i>Journal of The Institute of Image Information and Television Engineers</i> , Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," <i>Image Lab</i> , Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," <i>Journal of Information Processing Society of Japan: Computer Vision and Image Media</i> , Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 M-5 N-5 P-5 O-5 P-5	Initial	No.						
English translation). B-5 M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-time implementation," Proc. 5th Symposium on Intelligence Information Media (IIM/99), December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," Proc. 5th Symposium on Sensing via Image Information (SII'99), June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," Journal of The Institute of Image Information and Television Engineers, Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," Image Lab, Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," Journal of Information Processing Society of Japan: Computer Vision and Image Media, Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 P-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C	-	A-5	M. KOUROGI et al., "A real-time panorama-based technique for annotation overlay on video					
 B-5 M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-time implementation," Proc. 5th Symposium on Intelligence Information Media (IIM'99), December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," Proc. 5th Symposium on Sensing via Image Information (SII'99), June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," Journal of The Institute of Image Information and Television Engineers, Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," Image Lab, Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," Journal of Information Processing Society of Japan: Computer Vision and Image Media, Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 N-5 O-5 P-5 Q-5 			frames," Technical Report of IEICE, PRMU 99-65, September 1999, pp. 1-8 (with partial					
time implementation," Proc. 5th Symposium on Intelligence Information Media (IIM'99), December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," Proc. 5th Symposium on Sensing via Image Information (SII'99), June 1999, pp. 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," Journal of The Institute of Image Information and Television Engineers, Vol. 54, No. 3, March 2000, pp. 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," Image Lab, Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," Journal of Information Processing Society of Japan: Computer Vision and Image Media, Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 P-5 O-5 P-5 Q-5			English translation).					
December 1999, pp. 17-24 (includes English abstract). C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," <i>Proc. 5th Symposium on Sensing via Image Information (SII'99)</i> , June 1999, pp 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," <i>Journal of The Institute of Image Information and Television Engineers</i> , Vol. 54, No. 3, March 2000, pp 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," <i>Image Lab</i> , Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," <i>Journal of Information Processing Society of Japan: Computer Vision and Image Media</i> , Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 P-5 C-5 P-5 C-5 P-5 C-5 P-5 C-5 P-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C-5 C		B-5	M. KOUROGI et al., "A panorama-based annotation overlay on video frames and its real-					
C-5 M. KOUROGI et al., "Real-time image mosaicing and its visualization from a video sequence," Proc. 5th Symposium on Sensing via Image Information (SII'99), June 1999, pp 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," Journal of The Institute of Image Information and Television Engineers, Vol. 54, No. 3, March 2000, pp 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," Image Lab, Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," Journal of Information Processing Society of Japan: Computer Vision and Image Media, Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 M-5 P-5 P-5 Q-5								
sequence," <i>Proc. 5th Symposium on Sensing via Image Information (SII'99)</i> , June 1999, pp 147-152. D-5 N. YOKOYA, "Technique for three dimensional panoramic image composition," <i>Journal of The Institute of Image Information and Television Engineers</i> , Vol. 54, No. 3, March 2000, pp 338-342. E-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," <i>Image Lab</i> , Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," <i>Journal of Information Processing Society of Japan: Computer Vision and Image Media</i> , Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-6 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 M-5 N-5 O-5 P-5 Q-5								
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B-5 N. YOKOYA, "Three-dimensional panoramic image composition based on live-actions," Image Lab, Vol. 11, No. 11, November 2000, pp. 6-10. F-5 J. SHIMAMURA et al., "Construction of a Mixed Environment Using Panoramic Stereo Images and Computer Graphics Models," Journal of Information Processing Society of Japan: Computer Vision and Image Media, Vol. 42, No. SIG 6 (CVIM 2), June 2001, pp. 44 53 (includes English abstract). G-5 Adobe Systems Incorporated, Website content entitled "Adobe Photoshop Elements," 2001 (with English translation) H-5 Canon Inc., Website content entitled "IXY Digital 300" (supercompact digital camera with panoramic image composition software), 2001 (9 pages). I-5 VR Interactive Inc., Press Release entitled "Enhanced Features Released for SurroundPhoto and VR Showcase: Capturing High-Quality 3D Scenes and Objects in Seconds," June 14, 2001 (2 pages). J-5 Sanyo Electric Co., Ltd., Website News Release entitled "Sanyo Releases New Edition Digital Camera" (camera includes panoramic image composition software), February 26, 2002 (13 pages total) K-5 HOLON Inc., Website content entitled, "PhotoStudio" (retouch software that enables user to create panoramic pictures or composite pictures), 2003 (6 pages total). L-5 N-5 O-5 P-5 O-5 P-5 O-5 P-5		D-5						
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